molex®
one company › a world of innovation

Part Number: 0558365001

Status: Active

Description: CRC™ Shielded Rectangular I/O Plug Assembly Set, Male Terminal, With Shield Cover, Signal, 50 Circuits, Polarization Type Standard

Documents:

Drawing (PDF)   Product Specification PS-51238-017 (PDF)
Product Specification PS-51238-016 (PDF)   RoHS Certificate of Compliance (PDF)

Series
image - Reference only

General

Product Family	I/O Connectors
Series	55836
Application	Wire-to-Wire
Component Type	Kit
Product Name	CRC™
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Gray
Durability (mating cycles max)	100
Gender	Plug
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze, Stainless Steel, Zinc Alloy
Material - Plating Mating	n/a
Material - Resin	Polyester
Number of Rows	10
Orientation	Vertical
PCB Locator	No
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.118 In
Pitch - Mating Interface (mm)	3.00 mm
Pitch - Term. Interface (in)	0.118 In
Pitch - Term. Interface (mm)	3.00 mm
Polarized to Mating Part	Yes
Polarized to PCB	N/A
Ports	1
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	N/A
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	1.5A, 1A, 2.5A, 2A
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-51238-016, PS-51238-017
Sales Drawing	SD-55836-005

EU RoHS   **China RoHS**
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Halogen-Free
Status
Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

Search Parts in this Series
55836Series

Mates With
54333-5001 receptacle assembly set,
54334-5001 receptacle assembly set panel mount

PART NAME	QUAN.	PART NO.				
PLUG COVER B	1	59588-5000				
PLUG COVER A	1	59587-5010				
CROSS RECESSED HEAD SCREW (M3)	2	58203-0030				
CROSS RECESSED HEAD SCREW (M2.5)	2	58203-0020				
CABLE CLAMP	1	59589-5000				
PLUG PIN HS'G ASS'Y	1	51234-5011	51234-5012	51234-5013	51234-5014	51234-5015
部品名称 PART NAME	数量 QUAN.	部品型番 PART NO.				
極数 CIRCUIT		50				
セット型番 SET NO.		55836-5001	55836-5002	55836-5003	55836-5004	55836-5005
タイプ TYPE		STANDARD TYPE	A TYPE	B TYPE	C TYPE	D TYPE

MATERIAL NO.	MODEL NO.
55836-5005	55836-500*
55836-5004	
55836-5003	
55836-5002	
55836-5001	

DO NOT SCALE DRAWING

P24NO. DRWN: CH'K: APPR:	P23NO. DRWN: CH'K: APPR:	P22NO. DRWN: CH'K: APPR:	P21NO. DRWN: CH'K: APPR:	RELEASED '02/02/04 P20NO. J2002-1828 DRWN: S.AKIYAMA CH'K: J.MIYAZAWA APPR: Y0.ITO	REV	DESCRIPTION
				0		

MATERIAL 材料 —#—

FINISH 仕上げ —#—

WIRE RANGE 適用電線範囲 —#—

INS. RANGE 被覆外径 —#—

GENERAL TOLERANCES: (UNLESS SPECIFIED) 一般公差

10 UNDER 未満	±0.2
10 OVER 以上 30 UNDER 未満	±0.25
30 OVER 以上	±0.3
ANGLE 角度	±3°

SCALE ~

DESIGN UNITS ☒mm ☐INCH

3RD ANGLE PROJECTION

DIMENSIONS: ☐mm/INCH ☐INCH/mm ☒mm ONLY

REVISE ON CAD ONLY

SHT | REV

DRAWN BY & DATE '02/01/22 S.Akiyama

CHECKED BY & DATE '02/02/04 J.Miyazawa

APPROVED BY & DATE '02/02/04 Y.Ito

CAD FILENAME 55836005.S01

TITLE: COMPACT ROBOT CONN.50CKT. PLUG PIN SET

molex MOLEX INCORPORATED

MATERIAL NO. SEE CHART

DRAWING NO. SD-55836-005

SHEET NO. 1 OF 1

SIZE B

EN-02J(097)MXJ-54

55836005.S01